W R GRACE & CO Form 4 May 12, 2014

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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Number:

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3235-0287

January 31,

0.5

Form 4 or Form 5 obligations may continue. See Instruction

if no longer

subject to

Section 16.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * Dockman William C.

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

05/08/2014

W R GRACE & CO [GRA]

(Check all applicable)

C/O W. R. GRACE & CO., 7500

(Street)

(State)

(First)

(Middle)

(Zip)

3. Date of Earliest Transaction (Month/Day/Year)

Director X_ Officer (give title

below)

10% Owner Other (specify

GRACE DRIVE

VP and Controller

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

COLUMBIA, MD 21044

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

3. Execution Date, if Code (Month/Day/Year)

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (rights to buy)	\$ 92.77	05/08/2014(1)		A		4,743		<u>(2)</u>	05/08/2019	Common Stock	4,743

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Dockman William C. C/O W. R. GRACE & CO. 7500 GRACE DRIVE COLUMBIA, MD 21044

VP and Controller

Signatures

/s/ Michael W. Conron, Attorney-in-Fact 05/12/2014

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Granted at a regularly scheduled Compensation Committee meeting on May 8, 2014.
- (2) Options become exercisable in three substantially equal annual installments beginning on May 8,2015; May 6, 2016; and May 8, 2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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